



EXCELSIOR ALCHEMY

INTEGRITY, PASSION, EXCELLENCE

Certificate of Analysis

Product Name	Spirulina Manna	Date of Manufacture	February, 2022
Formula Code	SPM16	Expiration Date	February, 2025
Lot	22011040	Country of Manufacture	United States
Version	1	Customer	HealthForce SuperFoods

Analysis	Specification	Result	Method
Physical			
Appearance	Powder	Powder	Organoleptic
Color	Dark Green	Dark Green	Organoleptic
Heavy Metals			
Arsenic (Total)	NMT 0.5 ppm	0.212 ppm	EPA-600/R-94-111 ICP-MS
Cadmium	NMT 0.25 ppm	0.0736 ppm	EPA-600/R-94-111 ICP-MS
Lead	NMT 0.2 ppm	0.0949 ppm	EPA-600/R-94-111 ICP-MS
Mercury	NMT 0.2 ppm	< 0.00500 ppm	EPA-600/R-94-111 ICP-MS
Chemical			
Composition	Conforms to reference	Conforms	HPTLC
Identity	Conforms to reference	Conforms	HPTLC
Protein	NLT 55 %	67.03%	Combustion
Gluten Allergen	NMT 10 ppm	< 10 ppm	EZ-Gluten
Purity	No Presence of Chlorella and Klamath Algae	Conforms	HPTLC
Microbiological			
Total Plate Count	< 750,000 CFU/g	3,700 CFU/g	3M Petrifilm
Yeast & Mold	< 1,000 CFU/g	< 100 CFU/g	3M Petrifilm
Enterobacteriaceae	< 5,000 CFU/g	< 100 CFU/g	3M Petrifilm
Coliforms	< 5,000 CFU/g	< 100 CFU/g	3M Petrifilm
<i>E. coli</i>	None Present	None Detected	3M Petrifilm
<i>S. aureus</i>	None Present	None Detected	3M Petrifilm
<i>Salmonella</i>	None Present	None Detected	3M Petrifilm

Note: ppm = Parts Per Million
cfu/g = Colony-Forming Units Per Gram

NMT = Not More Than
NLT = Not Less Than

Approved By:

Michelle Leonardo
Quality Manager

02/07/2022

Date